

## **Abstract**

The present invention provides a small, thin, light and low cost zoom lens suitable for cellular telephones, portable information terminals, etc. In particular, it can provide a small and  
5 thin, high performance zoom lens having a zoom ratio of approximately 2, a depth of less than 9 mm in shooting and storage, a total lens length of less than 29 mm, an angle of view of approximately 61°, and a F number of 2.8 or higher providing a sufficient light, with various aberrations all suitably corrected.